

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2003/002416

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H01L 21/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H01L 21/465, IPC7 G01N 37/00, IPC7 G01B 21/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Patent Abstracts of Japan since 1976Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
KIPONET "scanning and semiconductor probe"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | JP 10-239331 (SEIKO INSTRUMENTS INC.) 11 Sept.1998 See the whole documents | 1-7 |
| Y | US 5618760 (Jr. University, Stanford) 8 Apr.1997 Fig. 2 | 1-7 |
| A | US 6479892B1 (Motorola Inc.) 12 Nov.2002 See the whole documents | 1-7 |
| A | JP 2002-340770 (SAMSUNG ELECTRONICS LTD.) 27 Nov.2002 | 1-7 |
| A | WO 03/062742 A1 (IBM Co.) 31 July 2003 | 1-7 |

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

27 JANUARY 2004 (27.01.2004)

Date of mailing of the international search report

28 JANUARY 2004 (28.01.2004)

Name and mailing address of the ISA/KR



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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2003/002416

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|--|------------------|--|--|
| US5618760A | 08.04.1997 | US5618760A US5517280A US5618760A US5666190A US5742377A US5883705A US6000947A US6075585A | 08.04.1997 14.05.1996 08.04.1997 09.09.1997 21.04.1997 16.03.1999 14.12.1999 13.06.2000 |
| US6479892B1 | 12.11.2002 | US6479892B1 US2002167008A1 | 12.11.2002 14.11.2002 |